PDS4 Change Control Board

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Management Council Face-to-Face   Berkeley, CA   18-19 November 2014

CCB Participants

- Lynn Neakrase (ATM/CCB Chair)

- Emily Law (CCB Coordinator)

- Trent Hare (Imaging)

- Steve Joy (PPI)

- Ed Shaya (SBN)

- Mark Showalter (Rings)

- Tom Stein (GEO)

- Dave Heather (IPDA/ESA)

Updates and Metrics

- Since the October Telecon, there has been no new telecons predominantly because of Build Testing
  - 0 new SCRs considered due to active testing of last build
  - 0 SCRs "In Progress"
  - 12 open SCRs
    - 2 SCRs "Bug-Fixes" are Ready (as of last week) to be considered (Next Week)
    - 10 SCRs are awaiting Tech Assessements

SCR Process Document

- SCR Process Document edits were made and handed off to Emily and Ron for a review before making available for everyone
  - Notable additions were clarification of labels (e.g., In Progress) and suggested input for order of handling SCRs surrounding Build Releases
- Suggestion to expand the Appendix adding more acronyms and abbreviations, and a full breakdown of all status settings in JIRA
  - Could be useful esp. for transitioning of new CCB members
- We will need to improve/update the process diagram/flowchart

V1.3.0.0 SCRs

Summary list from the Build 5a Release Notes (V 1.3.0.0/1.3.0.1)

CCB-32 - Add "ISIS2 History Label" to Header.parsing_standard_id

CCB-40 - Improve Consistency in Units Expressions

CCB-56 - Align DSV References in IM and SR

CCB-60 - Add "Calibration" to the Target_Identification <type> enumerated list.

CCB-62 - Add standard values for units of current

CCB-63 - Improve Product_Document Class/Attribute Structure

CCB-67 - Unintended constraints on ASCII_Integer values

CCB-68 - Missing enumerated values for local_reference_type in arrays

CCB-69 - (see CCB-40) - Reconcile formation of units between documentation and PDS4
namespace schemas.

CCB-71 - Inappropriate permissible value lists for <Special_Constants> attributes

CCB-73 - Add "Microsoft Excel" as a document_standard_id enumerated value in Document_File

CCB-74 - Need a new standard value for <reference_type> in <Reference_List> in
Product_Observational.

CCB-76 - Deprecated values for <inventory> <field_delimiter> are not reported.

V1.3.0.0 SCRs

With the new "In Progress" label – we've asked Steve to open up a system SCR for Build releases that he can accumulate bug fixes up to the Build Release and then CCB can push through as a consent item.

CCB-70: Bug fixes for the Release of 1.3.0.0
  – Simplified schematron rules for enumerated values.
  – Removed duplicated context information in assertions for deprecation rules
  – Included deprecated enumerated values in schematron rules for enumerated list
  – Simplified context of schematron rule for logical_identifier validation
  – Changed cardinality of Target_Identification.type from 1..1 to 1..m
  – Included the specified "units of measure" as the schema attribute type for <unit>, for all PDS4 attributes defined with units of measure

V1.3.0.1 SCRs/Bug Fixes

Bug Fix for CCB-62 - Add standard values for "Units of Current"

Add Units_Of_Current to DD_Value_Domain and DD_Value_Domain_Full

Bug Fix for CCB-40 – Improve Consistency in Units Expressions

Validate deprecated unit values only for attributes with those units

Bug Fix - Included the specified "units of measure" as the schema attribute type for <unit>, for all PDS4 attributes defined with units of measure.

- – Fixed Bug Fix - Removed schematron rules for enumerated lists. The enumerated lists are now in the schema

Bug Fix – Add reference type "bundle_to_resource" to pds:Product_Bundle/ pds:Reference_List/pds:Internal_Reference

Bug Fix - Change file names (SKOS and JSON) to conform to the naming convention of the schema files.

Bug Fix - Fixed apostrophe in descriptions of Group_Field_Character.group_location, Group_Field_Binary.group_location and Target_Identification.type

Bug Fix - Fixed unknown character in description of Product_Native

Bug Fix - Fixed problem with Greek Mu

CCB Useful Information

- CCB Website (CCB Agendas, Notes, Minutes, SCR Schedule)

  https://pds-engineering.jpl.nasa.gov/content/ccb

- If you are interested in commenting/defending SCRs and would like to be designated an 'Interested Party', contact Lynn to be added to the weekly update email